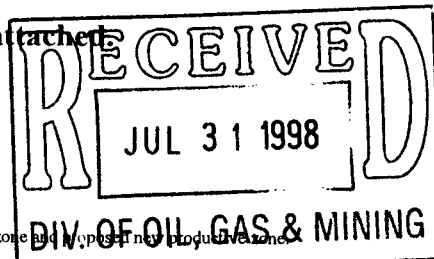


**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. <b>U-76241</b>		
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR <b>Inland Production Company</b>			7. UNIT AGREEMENT NAME <b>Greater Boundary Unit</b>		
3. ADDRESS OF OPERATOR <b>P.O. Box 790233 Vernal, UT 84079</b> Phone: <b>(801) 789-1866</b>			8. FARM OR LEASE NAME <b>Tar Sands Federal</b>		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface <b>SE/SE</b> At proposed Prod. Zone <b>614.3' FSL &amp; 514.6' FEL</b> <b>187 159</b>			9. WELL NO. <b>#16-28-8-17</b>		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>13.1 miles southeast of Myton, Utah</b>			10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>514.6'</b>		16. NO. OF ACRES IN LEASE <b>1880</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.		19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5112.6' GR</b>			22. APPROX. DATE WORK WILL START* <b>4th Quarter 1998</b>		
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>					

The Conditions of Approval For Application For Permit To Drill are attached.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24. SIGNED Cheryl Cameron TITLE Regulatory Specialist DATE 7/23/98  
**Cheryl Cameron**

(This space for Federal or State office use)

PERMIT NO. 43-013-32111 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: **Federal Approval of this Action is Necessary**

APPROVED BY Bradley G. Hill TITLE **BRADLEY G. HILL** **RECLAMATION SPECIALIST** DATE 8/10/98

**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

584996.8  
4437370.4

**T8S, R17E, S.L.B.&M.**

**CNG PRODUCING CO.**

S89°50'W - 79.96 (G.L.O.)

NOTE:  
THE WELL LOCATION BEARS N39°57'27"W  
800.80' FROM THE SOUTHEAST  
CORNER OF SECTION 28.

**28**

**WELL LOCATION:**  
**TAR SANDS FED #16-28-8-17**  
ELEV. UNGRADED GROUND = 5116.05'

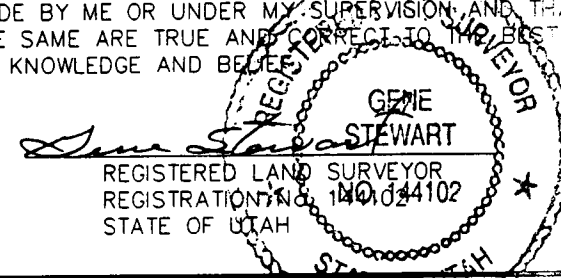
514.6'  
614.3'

S89°54'W (G.L.O.) - 2632.1' (MEASURED)  
Basis of Bearings G.L.O.

WELL LOCATION, TAR SANDS FED #16-28-8-17,  
LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF  
SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE  
COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: DS CS

DATE: 7-16-98

WEATHER: HOT

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

INLAND PRODUCTION COMPANY  
TAR SANDS FEDERAL #16-28-8-17  
SE/SE SECTION 28, T8S, R17E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1700'
Green River	1700'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1700' – 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "F".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
TAR SANDS FEDERAL #16-28-8-17  
SE/SE SECTION 28, T8S, R17E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #16-28-8-17 located in the SE 1/4 SE 1/4 Section 28, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southerly along this road 9.9 miles  $\pm$  to its junction with a dirt road to the northeast; continue northeasterly 1.6 miles to the beginning of the proposed access road.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP. See Exhibit "E".

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.



9. **WELL SITE LAYOUT**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). Refer to Exhibit "E".

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION** *Archaeological Survey & Pipeline ROW*

The Archaeological Cultural Resource Survey Report is attached.

Inland Production Company requests that a pipeline ROW be granted to the Tar Sands Federal #16-28-8-17 for a 3" - 4" poly fuel gas line and a 4" - 6" poly gas gathering line. Both lines will tie-in to the existing pipeline. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to Topographic map "B".

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

**Representative**

Name: Cheryl Cameron  
Address: P.O. Box 790233 Vernal, Utah 84079  
Telephone: (435) 789-1866

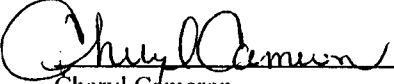
**Certification**

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #16-28-8-17 SE/SE Section 28, Township 8S, Range 17E: Lease U-76241 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4438944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

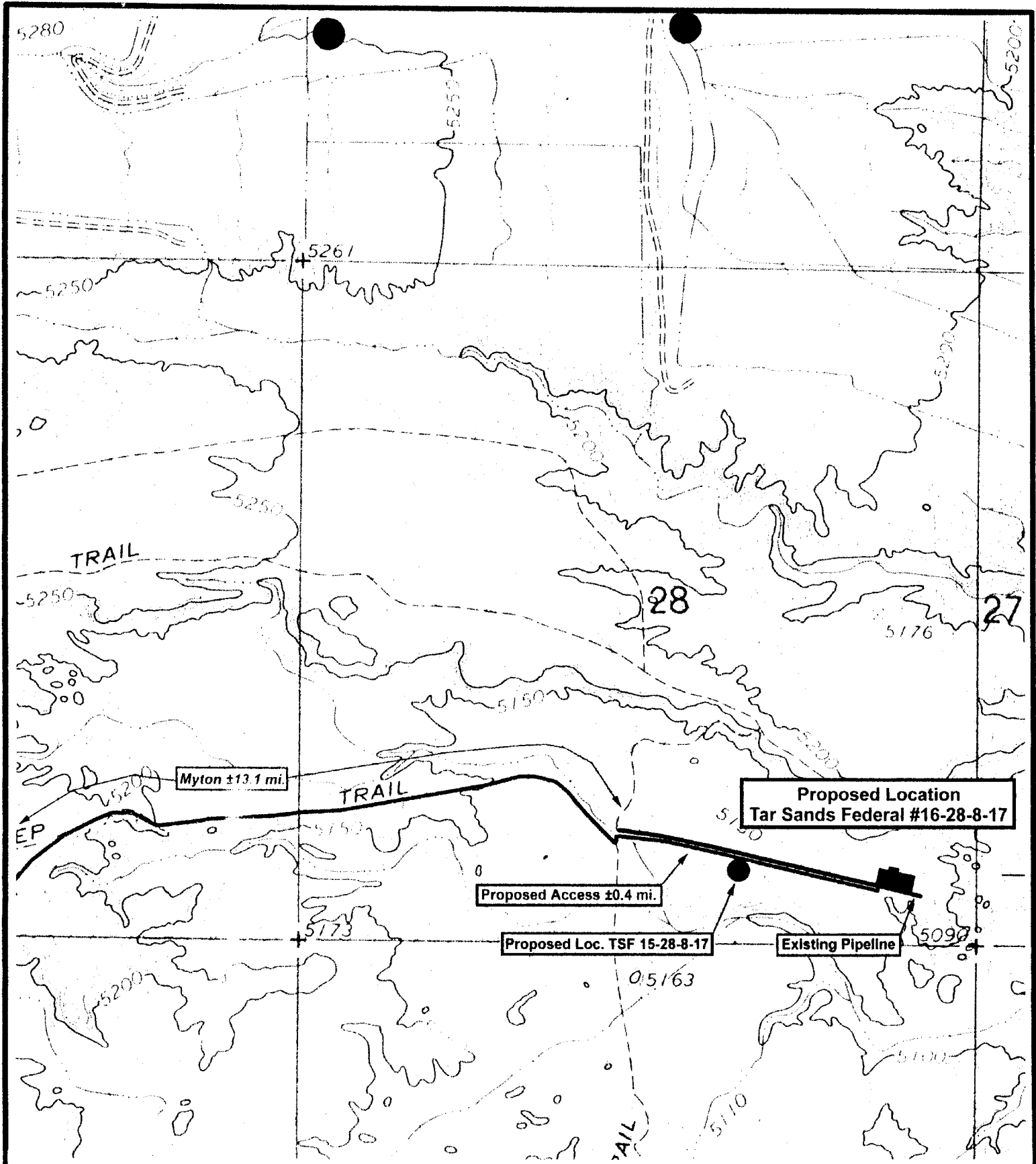
7/23/98

Date

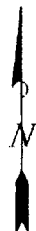
  
Cheryl Cameron  
Regulatory Specialist



Tri-State  
Land Surveying Inc.  
(801) 781-2501



**TAR SANDS FEDERAL #16-28-8-17**  
**SEC. 28, T13S, R17E, S.L.B.&M.**  
**PO MAP "B"**



**SCALE 1" = 1000'**

*Tri-State*  
*Land Surveying Inc.*  
 (801) 781-2501  
 38 WEST 100 NORTH VERNAL, UTAH 84078



JA.

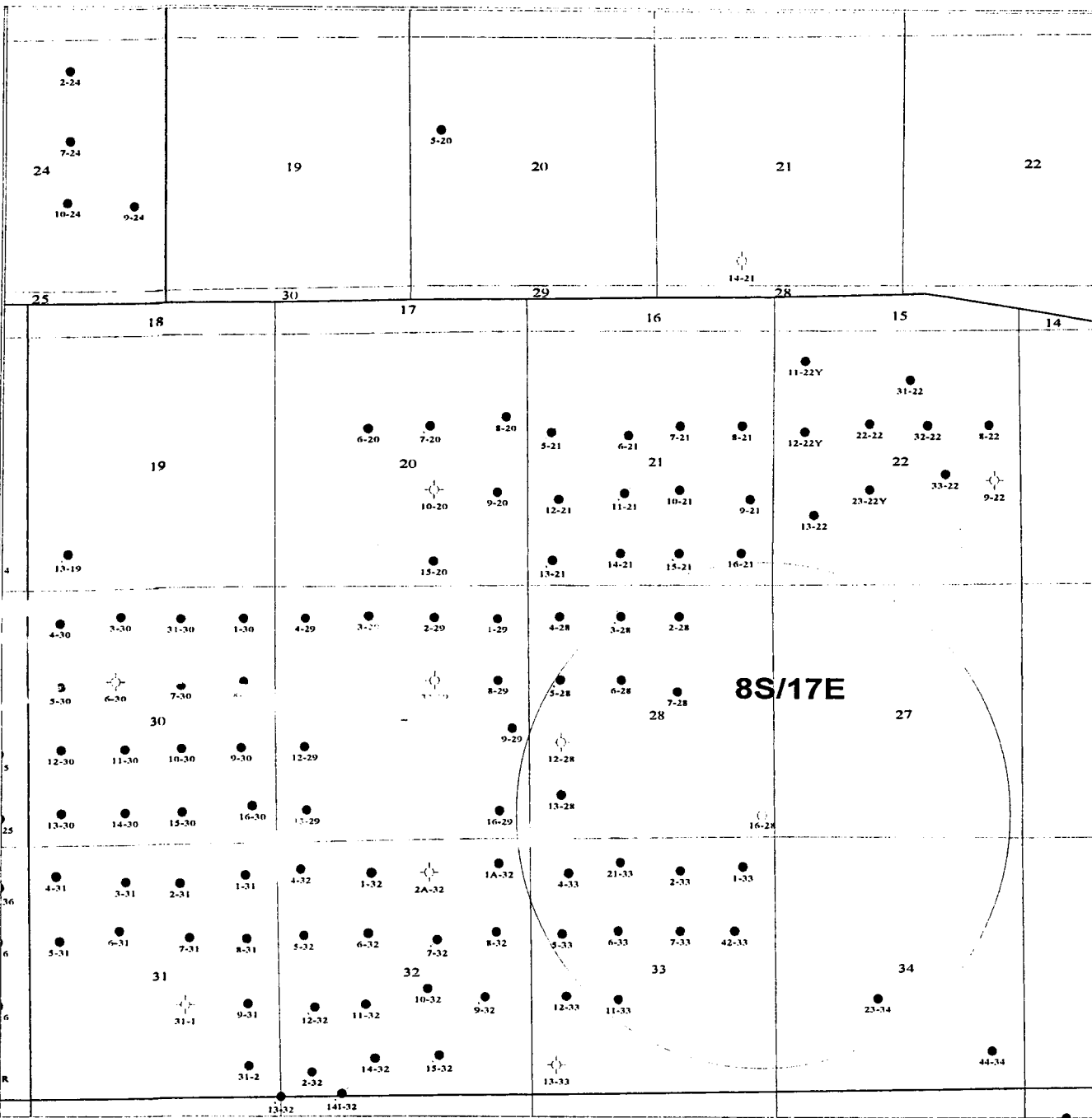
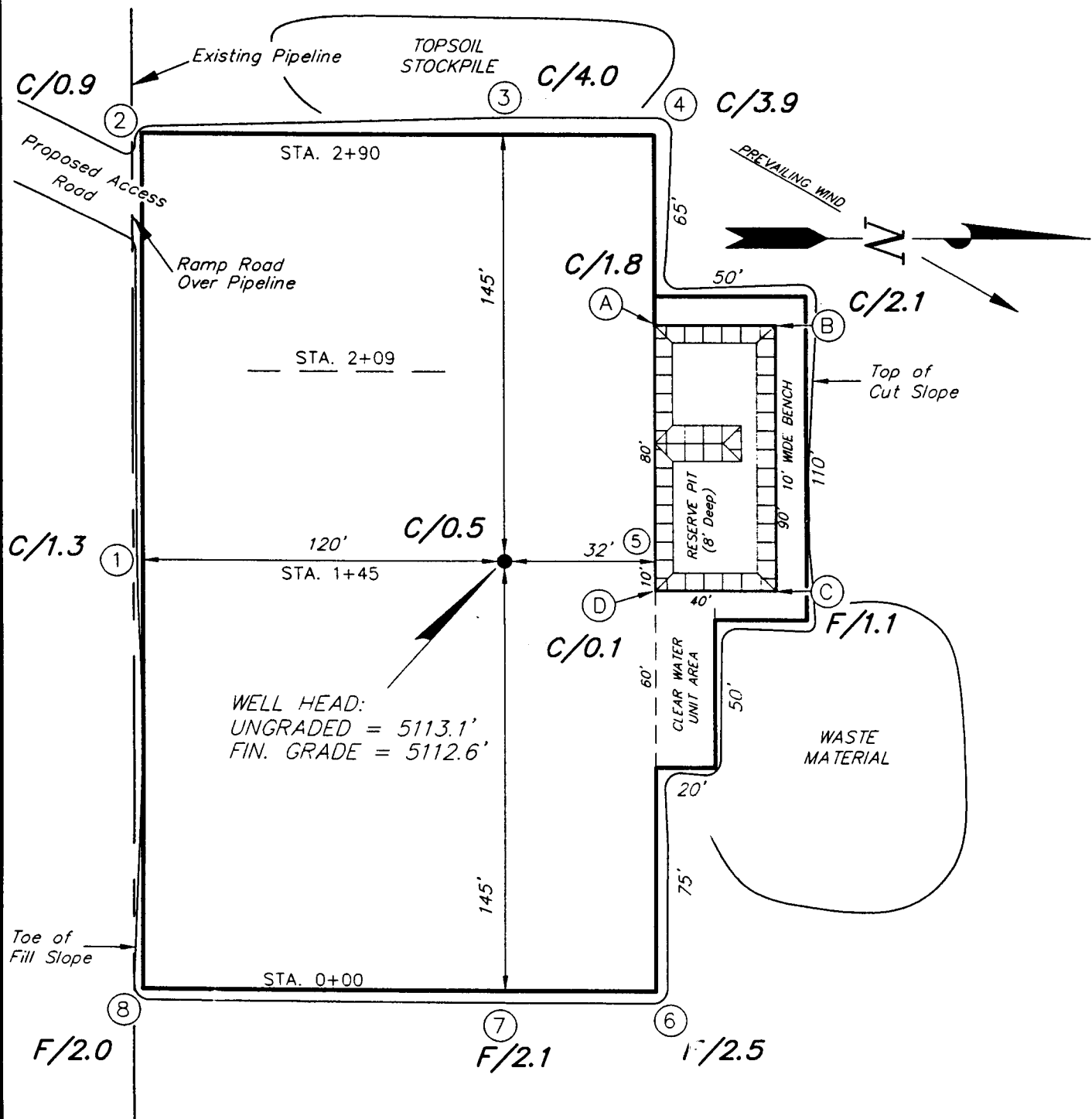


EXHIBIT "D"

INLAND PRODUCTION COMPANY		
ONE MILE RADIUS Tar Sands Federal #16-28		
Scale: As Shown	Scale: 1:40044.37	7/2/98

# INLAND PRODUCTION COMPANY

TAR SANDS FED #16-28-8-17  
SECTION 28, T8S, R17E, S.L.B.&M.



## REFERENCE POINTS

170' SOUTH = 5113.1'  
245' WEST = 5115.0'  
220' SOUTH = 5108.9'  
195' WEST = 5118.9'

SURVEYED BY:

DRAWN BY: NBW

DATE: 7-15-9

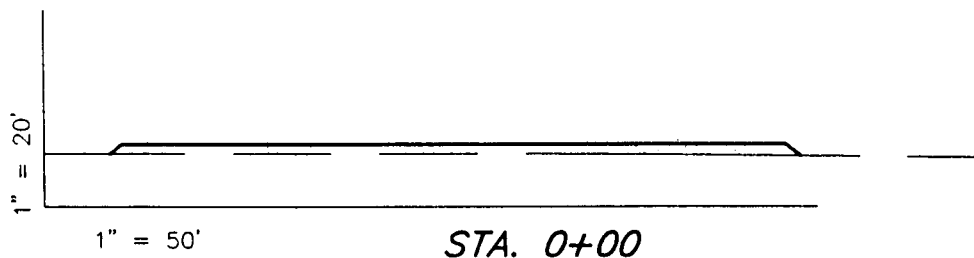
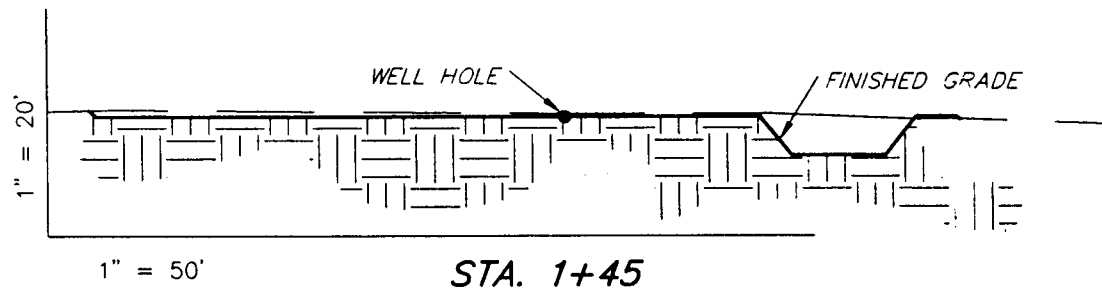
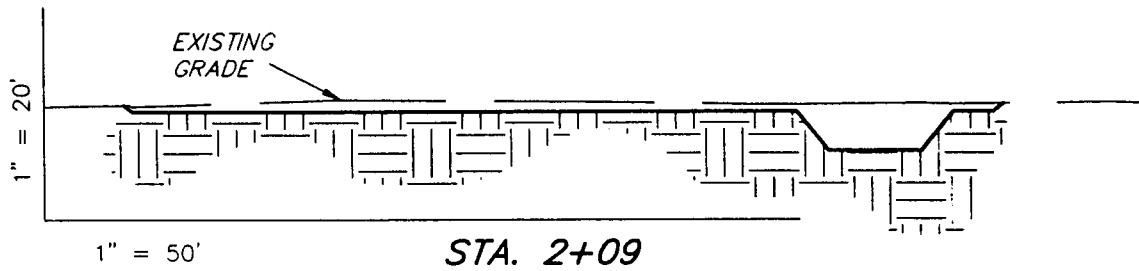
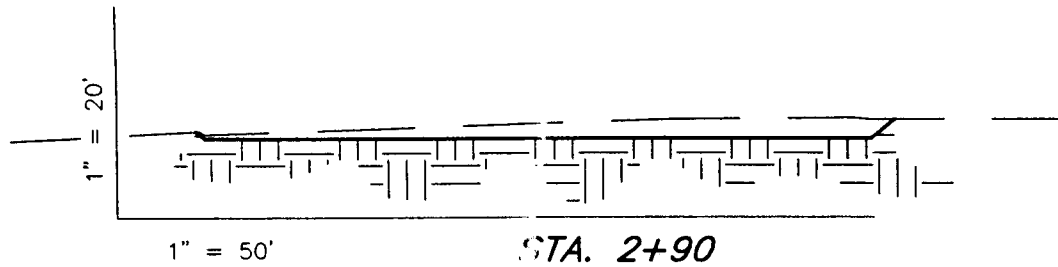
SCALE: 1" = 1'

FILE:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078

# CROSS SECTIONS

## TAR SANDS FEL #16-28-8-17



### APPROXIMATE YARDAGES

CUT = 1,289 Cu. Yds.  
 FILL = 798 Cu. Yds.  
 PIT = 500 Cu. Yds.  
 6" TOPSOIL = 1590 Cu. Yds.

**Tri State**  
 Land Surveying, Inc.  
 (435) 781-2501  
 38 WEST 100 NORTH, VERNAL, UTAH 84078

Well No.: Tar Sands 16-28-8-17

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands 16-28-8-17

API Number:

Lease Number: UTU-76241

Location: SESE Sec. 28, T8S, R17E

**GENERAL**

Access pad from W, along existing gas line Right-of-Way.

**CULTURAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**PALEONTOLOGICAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**WILDLIFE AND FISHERIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.



## THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61*.

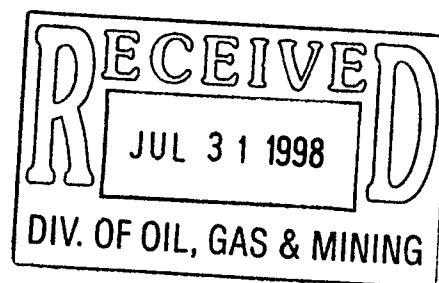
**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

OTHER



July 29, 1998

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078



**ATTENTION: Ed Forsman/Wayne Bankert**

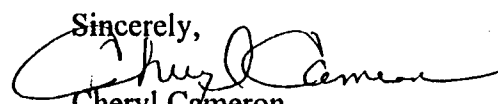
**RE: Tar Sands Federal #15-28-8-17  
Monument Butte Federal #4-24-8-16  
Monument Butte Federal #1-23-8-16  
Monument Butte Federal #3-23-8-16  
Monument Butte Federal #8-23-8-16  
S. Wells Draw #10-4-9-16  
S. Wells Draw #14A-4-9-16  
S. Wells Draw #16-4-9-16  
S. Wells Draw #5-3-9-16  
S. Wells Draw #12-3-9-16**

**Tar Sands Federal #16-28-8-17  
Monument Butte Federal #5-24-8-16  
Monument Butte Federal #2-23-8-16  
Monument Butte Federal #7-23-8-16  
S. Wells Draw #9-4-9-16  
S. Wells Draw #11-4-9-16  
S. Wells Draw #15-4-9-16  
S. Wells Draw #4-3-9-16  
S. Wells Draw #13-3-9-16**

Gentlemen:

Enclosed is the original and two copies (each) of Application For Permit To Drill, for the above referenced locations.

Please do not hesitate to contact me in the Vernal Branch Office, if you need additional Information, or have questions.

Sincerely,  
  
Cheryl Cameron  
Regulatory Specialist

cc: State of Utah  
Division of Oil, Gas & Mining  
P.O. Box 145801  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/31/98

API NO. ASSIGNED: 43-013-32111

WELL NAME: TAR SANDS 16-28-8-17  
OPERATOR: INLAND PRODUCTION COMPANY (N5160)  
CONTACT: Cheryl Cameron (435) 789-1866

PROPOSED LOCATION:  
SESE 28 - T08S - R17E  
SURFACE: 0614-FSL-0515-FEL  
BOTTOM: 0614-FSL-0515-FEL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: U-76241  
SURFACE OWNER: Federal

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

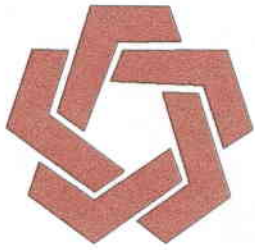
☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(No. 4488944)  
☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190-5(B)  
☒ Water Permit  
(No. Johnson Water District)  
☒ RDCC Review (Y/N)  
(Date: )  
☒ St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☒ R649-2-3. Unit Greater Boundary  
☐ R649-3-2. General  
☐ R649-3-3. Exception  
☐ Drilling Unit  
Board Cause No:   
Date:

COMMENTS: \* Not listed in 1998 Unit P.O.D. (BLM added 8-5-98)

STIPULATIONS: ① FEDERAL APPROVAL



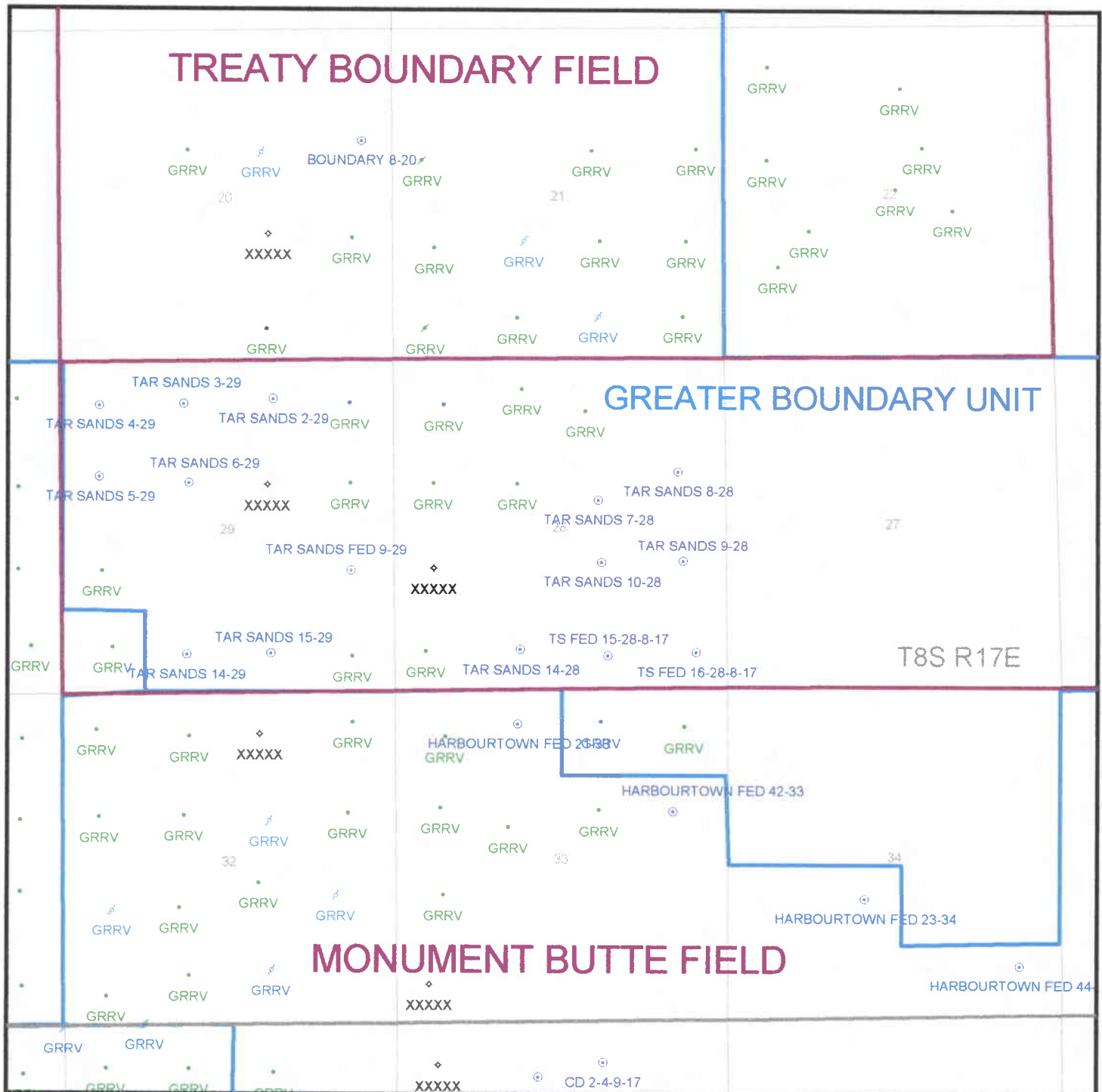
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION COMPANY (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. 28 TWP 8S, RNG 17E

COUNTY: DUCHESNE UAC: R649-3-2 STATEWIDE SPACING

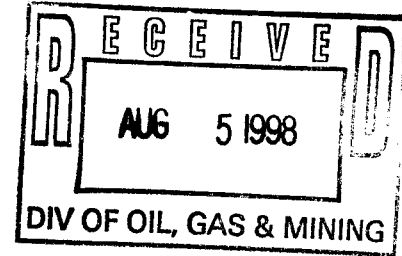


DATE PREPARED:  
3-AUG-1998

United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)



Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 1998 Plan of Development Greater Boundary  
Unit Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 1998 within the Greater Boundary Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
43-013-32109	TAR SANDS 15-28-8-17	0518-FSL-1899-FEL 28 08S 17E
43-013-32111	TAR SANDS 16-28-8-17	0614-FSL-0515-FEL 28 08S 17E

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Grearter Boundary  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:--



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

August 10, 1998

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

Re: Tar Sands Federal 16-28-8-17 Well, 614' FSL, 515' FEL,  
SE SE, Sec. 28, T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32111.

Sincerely,

for John R. Baza  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number: Tar Sand Federal 16-28-8-17  
API Number: 43-013-32111  
Lease: U-76241  
Location: SE SE Sec. 28 T. 8 S. R. 17 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801) 538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-76241**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**GREATER BOUNDARY**

8. Well Name and No.

**TAR SANDS FEDERAL 8-28-8-17**

9. API Well No.

**43-013-32068**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1835 FNL 784 FEL**

**SE/NE Section 28, T08S R17E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Weekly Status**

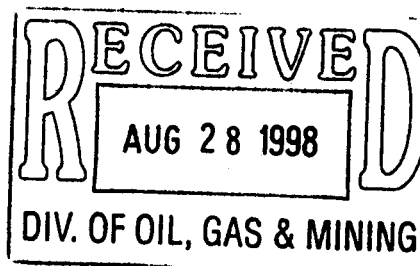
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 8/6/98 - 8/12/98**

Perf CP sds @ 5938-40', 5945-48', 6012-16', 6020-28', 6036-39' & 6093-97'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

8/14/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**660 FSL 1982 FWL SE/SW Section 28, T08S R17E**

5. Lease Designation and Serial No.

**U-76241**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**GREATER BOUNDARY**

8. Well Name and No.

**TAR SANDS FEDERAL 14-28-8-17**

9. API Well No.

**43-013-32065**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Weekly Status

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

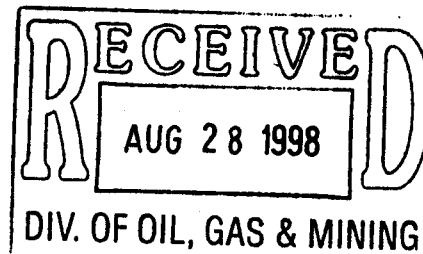
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 8/6/98 - 8/12/98**

Perf CP sds @ 5730-40', 5753-77' & 5792-97'.

Perf B sds @ 5147-52', 5208-13' & 5256-61'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

8/14/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

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**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK

**DRILL**☒**DEEPEN**☐

1b. TYPE OF WELL

**OIL****GAS****SINGLE****MULTIPLE****WELL**☒**WELL****OTHER**☐**ZONE**☐**ZONE**☐

2. NAME OF OPERATOR

**Inland Production Company**

3. ADDRESS OF OPERATOR

**P.O. Box 790233 Vernal, UT 84079****Phone: (801) 789-1866**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At Surface

**SE/SE**

At proposed Prod. Zone

**614.3' FSL & 514.6' FEL****JUL 30 1998**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

**13.1 miles southeast of Myton, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)

**514.6'**

16. NO. OF ACRES IN LEASE

**1880**

17. NO. OF ACRES ASSIGNED TO THIS WELL

**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

19. PROPOSED DEPTH

**6500'**

20. ROTARY OR CABLE TOOLS

**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

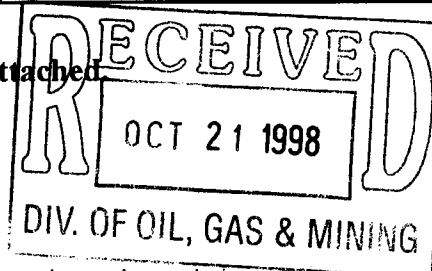
**5112.6' GR**

22. APPROX. DATE WORK WILL START\*

**4th Quarter 1998**23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

The Conditions of Approval For Application For Permit To Drill are attached



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Cheryl Cameron*  
**Cheryl Cameron**

TITLE

**Regulatory Specialist**

DATE

**7/23/98**

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

*[Signature]*  
**Assistant Field Manager**

TITLE

**Mineral Resources**

DATE

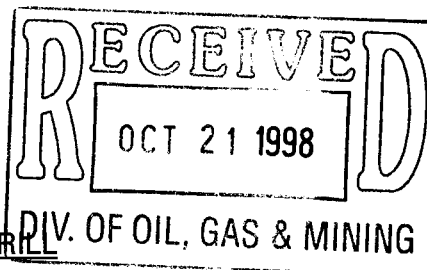
**10/15/1998**

**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**CONDITIONS OF APPROVAL ATTACHED**

731A



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Federal 16-28-8-17

API Number: 43-013-32111

Lease Number: U -76241

Location: SESE Sec. 28 T. 8S R. 17E

Agreement Name: Greater Boundary Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### A. DRILLING PROGRAM

##### 1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 427$  ft.

### SURFACE USE PROGRAM

#### Location Reclamation

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit and for final reclamation: (All poundages are in Pure Live Seed)

nuttalls saltbush	Atriplex nuttalli v. cuneata	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
squirreltail	Sitanion hystix	2 lbs/acre

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

At the time of final abandonment the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately. If the previously reclaimed surface of the reserve pit needs additional contouring, the topsoil over the pit will be scraped off and then used as additional topsoil for final reclamation.

#### Wildlife Habitat

If the location is to be Constructed or Drilled 2/1 to 8/15 additional surveys for golden eagle, ferruginous hawk and mountain plover will be required before development can occur.

**Hookless Cactus Habitat**

Due to the presence of the Hookless Cactus; at the time of development for the access road and well location the dirt contractor performing the development will meet with the authorized officer of the BLM on location. This is to assure that the dirt workers are aware of the need to remain on approved areas for construction and avoid habitat that may have cactus plants.

**INLAND PRODUCTION COMPANY**  
**GEOLOGIC PROGNOSIS AND LOG DISTRIBUTION LIST**  
(updated 6/9/2000)

**WELL:** Tar Sands Federal #16-28-8-17

**API Number:** 43-013-32111

**LOCATION:** 614' FSL, 515' FEL (SESE)  
Section 28, T8S, R17E  
Duchesne County, Utah

**ELEVATION:** 5113' Ground  
5123' KB

**TOPS:**

Uinta Formation	surface
Green River Formation	
Garden Gulch Member	
Point Three Marker	4509'
'X' Marker	4735'
'Y' Marker	4767'
Douglas Creek Member	4896'
Bicarbonate	5137'
B Limestone	5303'
Castle Peak Limestone	5742'
Basal Limestones	

**ANTICIPATED PAY SANDS:**

GB-6	4489'
C-SD	5068'
B-0.5	5172'
B-2	5281'
CP-0.5	5755'
CP-1	5783'
CP-2	5816'
CP-3	5899'

**TOTAL DEPTH:** 6050'

**CORES:** None planned

**DSTS:** None planned

**SAMPLES:** None planned

**DRILLING:**

Union Rig#14: (435) 828 6434

Pusher: (435) 828 6433 Rex Harris

Superintendent: David Gray (435) 828 8031 (cellular)

**REPORT WATER FLOWS TO UTAH DIVISION OF OIL, GAS AND MINING:** (801) 538 5340

**OPEN HOLE LOGGING:**

Phoenix Surveys: David Jull (435) 637 4420

DIGL/SP/GR Suite: TD to surface casing

CDL/CNL/GR/CAL Suite logs: TD to 3000'

Gamma Ray scale 0-150

Matrix density 2.68

LAS data floppy required.

**DATA DISTRIBUTION:**

*Tar Sands FED*  
~~Nine Mile #12-6-9-16~~  
Page 1 of 2

**RECEIVED**

JUL 31 2000

**DIVISION OF  
OIL, GAS AND MINING**

Inland Production Company (Mail 6 copies)  
Route #3 Box 3630  
Myton, UT 84052  
Attn: Brad Mecham

Inland Production Company (Mail 6 copies,  
EXPRESS)  
410 17th St., Suite 700  
Denver, CO 80202  
Fax: 303-382-4455  
Attn: Josh Axelson

State of Utah  
Division of Oil, Gas and Mining (Mail 1 copy)  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Bureau of Land Management (Mail 1 copy)  
170 S. 500 East  
Vernal, UT 84078  
Attn: Ed Forsman

**COMPANY CONTACTS:**

**Pat Wisener** (District Drilling Foreman)  
(435) 646 3721 office  
(435) 646 3031 office fax  
(435) 823 7468 cellular  
(435) 646 1270 pager

**Brad Mecham** (District Manager)  
(435) 646 3721 office  
(435) 646 3031 office fax  
(435) 823 6205 cellular  
(435) 353 4211 home

**Donn Murphy** (Operations Manager)  
(303) 893 0102 X440 office  
(303) 526 7748 home  
(435) 823 3737 cellular

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: TAR SANDS FED 16-28-8-17

Api No.. 43-013-32111 LEASE TYPE: FEDERAL

Section 28 Township 08S Range 17E County DUCHESNE

Drilling Contractor UNION DRILLING RIG # 14

SPUDDED:

Date 08/19/2000

Time 12:30 PM

How DRY

Drilling will commence

Reported by GARY DIETZ

Telephone # 1-435-823-7468

Date 08/18/2000 Signed: CHD



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**Route 3 Box 3630 Myton, Utah 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**614.2' FSL & 514.6' FEL SE/SE  
Sec.28, T8S, R17E**

**RECEIVED**

**AUG 29 2000**

**DIVISION OF  
OIL, GAS AND MINING**

5. Lease Designation and Serial No.

**U-76241**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**Greater Boundary Unit**

8. Well Name and No.

**Tar Sands 16-28-8-17**

9. API Well No.

**43-013-32111**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**Duchesne County, UTAH**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Weekly status**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**MIRU UNION RIG # 14. Set equipment. Drill mouse hole & rat hole. Spud well @ 12:30 PM on 8/19/00. Drill 17 1/4" hole and set 23' of 13 3/8" conductor. Nipple up cellar. Drill 12 1/4" hole with air mist to a depth of 324'. TIH w/ 8 5/8" J-55 csg. Landed @ 306' KB. Cement with \*141sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg>1.17 YLD. Estimated 1/2 bbl cement to surface. WOC 4 hours. Break out & Nipple up BOP's. Pressure test Kelly, TIW, Choke manifold, & BOP's TO 2000 psi. Test 8 5/8" CSG to 1500 PSI. ALL TESTED GOOD. Vernal District BLM & Utah DOGM notified by phone. Drill 7 7/8" hole with water mist to a depth of 3827'. TOH and PU & MU #4bit,MM, & BHA. Drill 7 7/8" hole with water based mud to a depth of 6157'. TD well @ 2:15 AM 8/26/00. Circulate hole 1.5X. Lay down drill string & BHA. Open hole log. PU & MU 5 1/2" guide shoe, 1 jt 5 1/2" csg, 5 1/2" float collar and 145 jt's 5 1/2" J-55 15.5# csgn. Landed @ 6161' KB. Cement with \*300 sks Prem Lite II w/ 10% GEL. & 3% KCL mixed @ 11.0ppg>3.43YLD. \*550 sks 50/50 POZ w/ 2% GEL. & 3% KCL mixed @ 14.4ppg>1.24YLD. Good circulation & returns with 5 bbls dye to surface. Plug down @ 6:45 pm on 8/26/00.**

**Nipple down BOP's Drop slips with 88,000#. Release rig @ 10:45 PM 8/26/00. WOCT.**

14. I hereby certify that the foregoing is true and correct

Signed

*Gary Dietz*  
Gary Dietz

Title

**Drilling Foreman**

Date

**8/28/00**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: INLAND PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12391	43-013-32111	Tar Sands Federal #16-28	SE/SE	28	8S	17E	Duchesne	August 19, 2000	8/19/2000
WELL 1 COMMENTS <i>11-6-00</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 2 COMMENTS											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 3 COMMENTS											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 4 COMMENTS											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS											

ACTION CODES (See instructions on back of form)

- A - Correct new entity for new well (original only)
- B - Add new well to existing entity (new or old)
- C - Relinquish well from one existing entity to another existing entity
- D - Relinquish well from one existing entity to a new entity
- E - One well to another second

NOTE: Use COMMENT section to explain why each action was necessary

*Robert S. Jones*  
Signature  
Production Clerk  
August 21, 2000  
Date



September 24, 2000

State of Utah  
Division of Oil, Gas & Mining  
Attn: Carol Daniels  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Dear Carol:

Please find enclosed form 3160-5: for Tar Sands Fed. 16-28-8-17. If you have any questions feel free to call me @ 435-823-7468 cell, or 435-646-3721 office any time.

Sincerely,

PAT WISENER  
Drilling Foreman

Enclosures

pw

**RECEIVED**

SEP 29 2000

**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Route 3 Box 3630 Myton, Utah 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**614'FSL & 515' FEL SE/SE  
Sec.28, T8S, R17E**

5. Lease Designation and Serial No.

**U-76241**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**Greater Boundry Unit**

8. Well Name and No.

**Tar Sands fed. 16-28-8-17**

9. API Well No.

**43-013-32111**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**Duchesne County, UTAH**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
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For the period of 9/18/00 thru 9/24/00

MIRU Key Energy # 965 on 9/19/00. Cement bond log has previous been run with copy on file. Nipple up 5-M frac head and test to 3,000 psi. PU 5 1/2" scraper & Tbg and clean out to a TPBD of 6097'. Perforate the Green River @ 5797-5817', 5827-34', 5836-39 w/4 Jug shots per foot. 30' & 120 total shots. CSGN Fracture stimulate w/12554 gals Viking I-25, & 75440# of 20/40 sand. Perforate the green river @ 5472-76, 5498-95', w/Jug shots per foot. 11' & 44 total shots. CSGN Fracture stimulate w/8031 gals Viking I-25, & 46440# of 20/40 sand. Perforate the green river @ 5254-73', 5277-87, 5297-5301', w/Jug shots per foot. 29' & 116 total shots. CSGN Fracture stimulate w/12554 gals Viking I-25, & 99440# of 20/40 sand. Flow and swab back frac fluid to clean up and TPBD of 6097'. Trip production string in hole w/EOT @ 5919/KB.

**RECEIVED**

**SEP 29 2000**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*

Title

Drilling Foreman

Date

09/24/2000

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

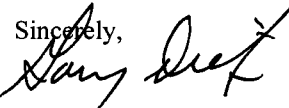


October 2, 2000

State of Utah  
Division of Oil, Gas & Mining  
Attn: Carol Daniels  
1594 West North Temple-Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Dear Carol;

Please find enclosed Form 3160-5, for the Tar Sands Federal 16-28-8-17. If you have any questions please call me at 435-823-4211 (CELL) or 435-646-3721 (OFFICE) any time.

Sincerely,  
  
Gary Dietz  
Completion Foreman

Enclosures

gd

RECEIVED

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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**U-76241**

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NA

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Greater Boundary Unit

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**Tar Sands Federal 16-28-8-17**

9. API Well No.  
43-013-32111

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
Duchesne County Utah

*SUBMIT IN TRIPLICATE*

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
**Inland Production Company**

3. Address and Telephone No.  
**Route #3 Box 3630 Myton, Utah 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
614' FSL & 515' FEL SE/SE Sec. 28, T8S, R17E

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☐ Final Abandonment Notice

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☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Completion report**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Subject well was completed in Green River formation on 9/19/00. CP interval was perforated @ 5797'-5817', 5827'-5834' & 5836'-5839' W/ 4 JSPF. Sand fraced W/ 75,440# 20/40 sand in 506 bbls Viking fluid. Perforated A sd interval @ 5472'-5476' & 5488'-5495' W/ 4 JSPF. Sand fraced W/ 46,440# 20/40 sand in 367 bbls Viking fluid. Perforated B sds interval @ 5254'-5273', 5277'-5287' & 5297'-5301' W/ 4 JSPF. Sand fraced W/ 99,440# 20/40 sand in 595 bbls Viking fluid. Well was placed on production on 9/26/00.

RECEIVED

OCT 13 1999

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed

Gary Dietz

Title

**Completion Foreman**

Date

**2-Oct-00**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface

614' FSL & 515' FEL (SE SE) SECTION 28 - 8S - 17E

At top prod. Interval reported below

At total depth

14. PERMIT NO.

43-013-32111

DATE ISSUED

08/19/99

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

15. DATE SPUDDED

08/19/00

16. DATE T.D. REACHED

08/26/00

17. DATE COMPL. (Ready to prod.)

9-19-00

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5113' GR

19. ELEV. CASINGHEAD

5123' KB

20. TOTAL DEPTH, MD & TVD

6167'

21. PLUG BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGI/SPICDL 9-11-00

DIVISION OF

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	306'	12-1/4	141 sx Class G cement	
5-1/2	15.5#	6161'	7-7/8	300 sx Premlite II & 550 sx 50/50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @ 5919'	TA @ 5790'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
(B2 sds) 5254' - 5301	4	132
(A3 sds) 5472 - 5495'	4	44
(CP1 sds) 5795' - 5817'	4	80
(CP2 sds) 5827' - 5839'	4	94

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5254 - 5301	frac w/75,440#20/40 sd in 506bbls fluid
5472 - 5495	frac w/46,440# 20/40 sd in 367bbls fluid
5797 - 5817	frac w/99,440# 20/40 sd 595 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 08/19/00 9-26-00	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 16' RHAC Pump	WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 10 day average	HOURS TESTED	CHOKE SIZE
	PROD'N. FOR TEST PERIOD	OIL--BBL.
		GAS--MCF.
		WATER--BBL.
		GAS-OIL RATIO
		244
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE
		OIL--BBL.
		GAS--MCF.
		WATER--BBL.
		OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs In Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Senior Operations Engineer

DATE

10/4/00

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.
				NAME
				MEAS. DEPTH
				TRUE VERT. DEPTH
			TAR SANDS FEDERAL #16-28	
				Garden Gulch Mkr 3926'
				Garden Gulch 2 4235'
				Point 3 Mkr 4526'
				X Mkr 4742'
				Y-Mkr 4774'
				Douglas Creek Mkr 4907'
				BiCarbonate Mkr 5146'
				B Limestone Mkr 5318'
				Castle Peak 5752'
				Basal Carbonate 6167'
				Total Depth (LOGGERS)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

# UTU-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

# Greater Boundry

8. Well Name and No.

# TSF # 16-28-8-17

9. API Well No.

# 43-013-32111

10. Field and Pool, or Exploratory Area

# Monument Butte

11. County or Parish, State

# Duchesne, Utah.

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

614' FSL & 515' FEL SE/SE Sec. 28, T8S, R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Recompletion procedure was initiated on October 9, 2002.

Well service unit was moved in and rigged up. Production tbg, rod's, ect; was removed from well bore. Well was cleaned out to PBTD of 6116'. A bridge plug was set @ 5144'. Well was perforate in the Green River zone @ interval's of 4332-36', 4373-85', 4422-32', 4504-14', 5007-09', 5018-20', 5048-52', using 4" csgn guns @ 4JSPF & 90\*phased. A total of 44' of new zone & 176 holes were added. Well the was hydraulically fractured using 960 bbls Viking 1-25 fluid w/ 120,657 #'s 20/40 white mesh sand. Then well bore was swabbed clean. Bridge plug was removed and well was returned to production on October 14, 2002.

**RECEIVED**

OCT 18 2002

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed

Pat Wisener

Title

Drilling Foreman

Date

10-16-02  
06/24/2002

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**CA No.****Unit:****GREATER BOUNDARY (GR)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
GBU 3-27-8-17	27	080S	170E	4301332224	12391	Federal	WI	A
GBU 5-27-8-17	27	080S	170E	4301332225	12391	Federal	OW	P
GBU 12-27-8-17	27	080S	170E	4301332226	12391	Federal	OW	P
GBU 1-27-8-17	27	080S	170E	4301332228	12391	Federal	OW	P
GBU 2-27-8-17	27	080S	170E	4301332229	12391	Federal	OW	P
GBU 4-27-8-17	27	080S	170E	4301332230	12391	Federal	OW	P
GBU 6-27-8-17	27	080S	170E	4301332231	12391	Federal	OW	P
GBU 7-27-8-17	27	080S	170E	4301332232	12391	Federal	OW	P
GBU 8-27-8-17	27	080S	170E	4301332233	12391	Federal	OW	P
GBU 9-27-8-17	27	080S	170E	4301332234	12391	Federal	OW	P
GBU 10-27-8-17	27	080S	170E	4301332235	12391	Federal	OW	P
GBU 11-27-8-17	27	080S	170E	4301332243	12391	Federal	OW	P
GBU 13-27-8-17	27	080S	170E	4301332244	12391	Federal	OW	P
GBU 14-27-8-17	27	080S	170E	4301332245	12391	Federal	OW	P
TAR SANDS FED 9-28-8-17	28	080S	170E	4301332067	12391	Federal	WI	A
TAR SANDS FED 8-28-8-17	28	080S	170E	4301332068	12391	Federal	OW	P
TAR SANDS FED 7-28-8-17	28	080S	170E	4301332069	12391	Federal	WI	A
TAR SANDS FED 15-28-8-17	28	080S	170E	4301332109	12391	Federal	WI	A
TAR SANDS FED 16-28-8-17	28	080S	170E	4301332111	12391	Federal	OW	P
GREATER BOUNDARY 11-28-8-17	28	080S	170E	4301332134	12391	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005

3. Bond information entered in RBDMS on: 2/28/2005

4. Fee/State wells attached to bond in RBDMS on: 2/28/2005

5. Injection Projects to new operator in RBDMS on: 2/28/2005

6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76241
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> TAR SANDS FED 16-28-8-17
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>9. API NUMBER:</b> 43013321110000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0614 FSL 0515 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 28 Township: 08.0S Range: 17.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input checked="" type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input checked="" type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/14/2013				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 06/13/2013. Initial MIT on the above listed well. On 06/14/2013 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10015

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 01, 2013

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 6/17/2013



# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 6 / 14 / 13  
Test conducted by: INAKI LASA  
Others present: \_\_\_\_\_

Well Name: <u>TAR SANDS FEDERAL 16-28-8-17</u> Type: <u>ER SWD</u> Status: <u>AC TA UC</u>	
Field: <u>GREATER BOUNDARY</u> <u>API 43-013-32111</u>	UTU <u>87538X</u> <u>WEL 151932</u>
Location: <u>SE/SE</u> Sec: <u>28 T 8S N/S R 17 E/W</u> County: <u>DUCHESNE</u> State: <u>UTAH</u>	
Operator: <u>INAKI LASA</u>	
Last MIT: <u>      </u> / <u>      </u> / <u>      </u>	Maximum Allowable Pressure: <u>      </u> PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No  
Initial test for permit? ☒ Yes ☐ No  
Test after well rework? ☐ Yes ☒ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0/1290 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1290</u> psig	psig	psig
5 minutes	<u>1290</u> psig	psig	psig
10 minutes	<u>1290</u> psig	psig	psig
15 minutes	<u>1290</u> psig	psig	psig
20 minutes	<u>1290</u> psig	psig	psig
25 minutes	<u>1290</u> psig	psig	psig
30 minutes	<u>1290</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

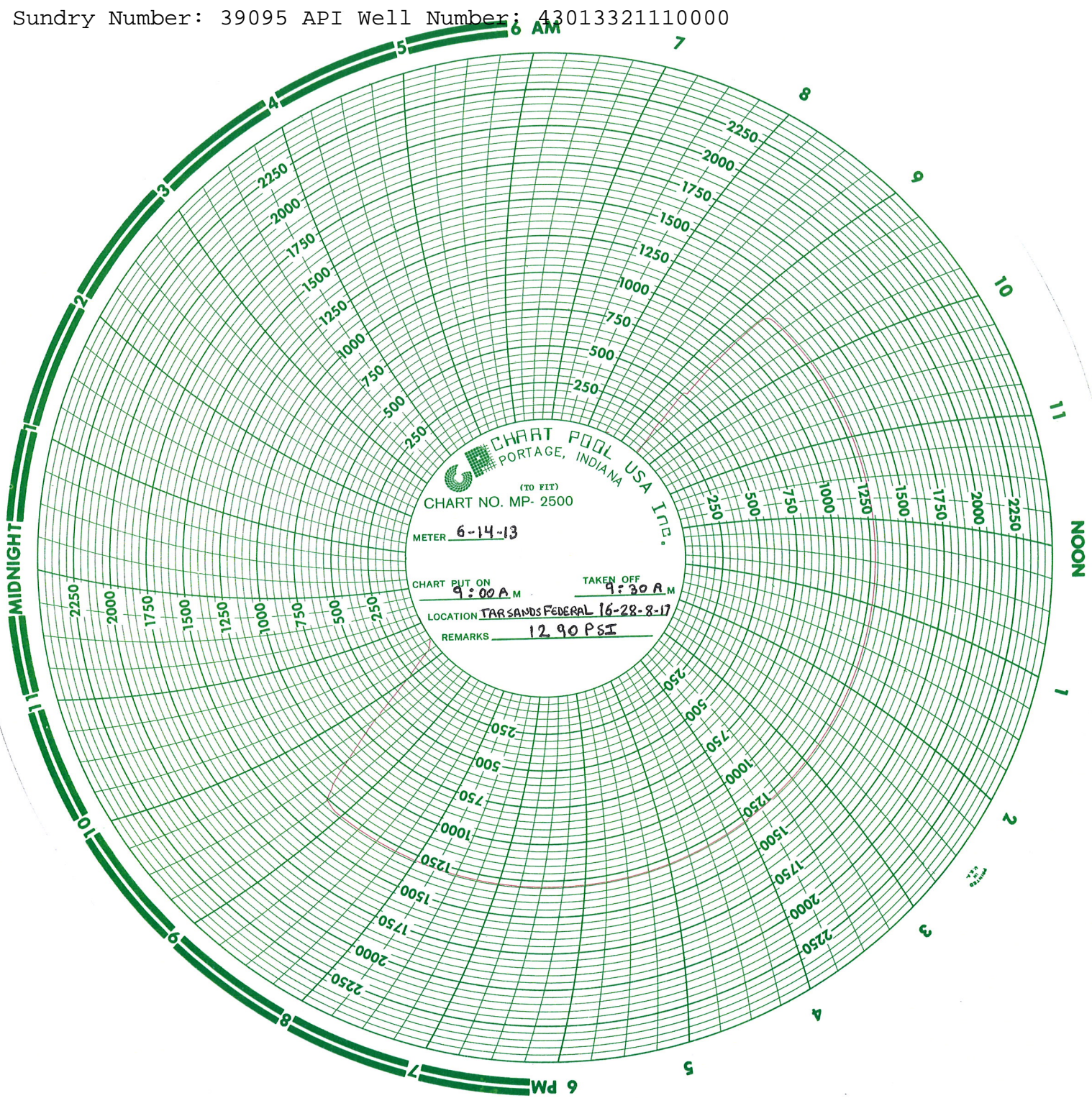
Does the annulus pressure build back up after the test? ☐ Yes ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_







**Daily Activity Report****Format For Sundry****TAR SANDS 16-28-8-17****4/1/2013 To 8/30/2013****6/11/2013 Day: 1****Conversion**

NC #3 on 6/11/2013 - MIRU NC#3, R/D Pmp Unit, Psr Tst Tbg, L/D Rod String, N/U BOPs - 5:30AM-6:00AM C/Tvl, 6:00AM Prep Rig To Move Out Of Yard, Move Rig To Loc, MIRU NC#3, R/U Preferred H/Oiler, Pmp 60BW Down Csg, R/U Rod Eqp, L/D Horses Head, L/D Polish Rod, Pmp 30BW Sweep, Soft Seat Rod Pmp, Fill W/ 20BW, Psr Tst Tbg To 3000psi, Good Tst, Pull Pmp Off Seat, TOO H W/ 1 1/2X22' Polish Rod, 1-2',4',&8' 3/4 Ponys, 228-3/4 4 Pers, 4-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, N/U BOPs, R/U Rig Flr, R/U Tbg Epq, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM Prep Rig To Move Out Of Yard, Move Rig To Loc, MIRU NC#3, R/U Preferred H/Oiler, Pmp 60BW Down Csg, R/U Rod Eqp, L/D Horses Head, L/D Polish Rod, Pmp 30BW Sweep, Soft Seat Rod Pmp, Fill W/ 20BW, Psr Tst Tbg To 3000psi, Good Tst, Pull Pmp Off Seat, TOO H W/ 1 1/2X22' Polish Rod, 1-2',4',&8' 3/4 Ponys, 228-3/4 4 Pers, 4-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, N/U BOPs, R/U Rig Flr, R/U Tbg Epq, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM Prep Rig To Move Out Of Yard, Move Rig To Loc, MIRU NC#3, R/U Preferred H/Oiler, Pmp 60BW Down Csg, R/U Rod Eqp, L/D Horses Head, L/D Polish Rod, Pmp 30BW Sweep, Soft Seat Rod Pmp, Fill W/ 20BW, Psr Tst Tbg To 3000psi, Good Tst, Pull Pmp Off Seat, TOO H W/ 1 1/2X22' Polish Rod, 1-2',4',&8' 3/4 Ponys, 228-3/4 4 Pers, 4-1 1/2 Wt Bars, & 1 Rod Pmp, R/D Rod Eqp, N/D W/H-D, N/U BOPs, R/U Rig Flr, R/U Tbg Epq, Release T/A, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl **Finalized**

**Daily Cost: \$0****Cumulative Cost: \$8,910****6/12/2013 Day: 2****Conversion**

NC #3 on 6/12/2013 - TOO H W/ Tbg, Brake & Dope Each Conn W/ Lubon 404G, L/D Extra Tbg, P/U & RIH W/ Pkr Assembly, Psr Tst Tbg. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/ 137jt Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, L/D 50Jts Jts Tbg, T/A, S/N, & N/C, Flush W/ 30BW Durring Trip Do To Oil In Tbg, P/U & Tally In Hole W/ Gd Collar, XN Nipple, 4' Tbg Sub, XO, 5 1/2 Arrow Set Pkr, On/Off Tool, X Nipple, & 137 Jts 2 7/8 J-55 Tbg, R/U H/Oiler To Tbg, Pmp 15BW Pad, Drop S/Vlve, Fill W/ 19BW, Psr Tst Tbg To 3000psi, Psr Bled Off To 2500psi, Had To Bump Up Three More Times, Psr Starting To Level Out, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/ 137jt Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, L/D 50Jts Jts Tbg, T/A, S/N, & N/C, Flush W/ 30BW Durring Trip Do To Oil In Tbg, P/U & Tally In Hole W/ Gd Collar, XN Nipple, 4' Tbg Sub, XO, 5 1/2 Arrow Set Pkr, On/Off Tool, X Nipple, & 137 Jts 2 7/8 J-55 Tbg, R/U H/Oiler To Tbg, Pmp 15BW Pad, Drop S/Vlve, Fill W/ 19BW, Psr Tst Tbg To 3000psi, Psr Bled Off To 2500psi, Had To Bump Up Three More Times, Psr Starting To Level Out, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/ 137jt Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, L/D 50Jts Jts Tbg, T/A, S/N, & N/C, Flush W/ 30BW Durring Trip Do To Oil In Tbg, P/U & Tally In Hole W/ Gd Collar, XN Nipple, 4' Tbg Sub, XO, 5 1/2 Arrow Set Pkr, On/Off Tool, X Nipple, & 137 Jts 2 7/8 J-55 Tbg, R/U H/Oiler To Tbg, Pmp 15BW Pad, Drop S/Vlve, Fill W/ 19BW, Psr Tst Tbg To 3000psi, Psr Bled Off To 2500psi, Had To Bump Up Three More Times, Psr Starting To Level Out, SWI, 7:00PM CSDFN, 7:00PM-7:30PM C/Tvl. **Finalized**

**Daily Cost: \$0****Cumulative Cost: \$16,912**

**6/13/2013 Day: 3****Conversion**

NC #3 on 6/13/2013 - Psr Tst Tbg, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid, L/D 10' Tbg Sub, N/U BOPs, Psr Tst Csg To 1400psi, RDMO NC#3 - 5:30AM-6:00AM C/Tvl, 6:00AM Check Tbg Psr, Psr @ 1900psi, R/U H/Oiler & Psr Tbg Up To 3100psi, Bled Off To 3000psi & Held For One Hour, Bleed Psr Off Tbg, P/U & RIH W/ S/Lne W/ Baby Red Fishing Tool, Fish S/Vlve, L/D & R/D S/Lne, P/U 10' Tbg Sub, RIH, R/D Tbg Eqp, R/D R/Flr, N/D BOPs, N/U W/H-D, Pmp 70BW W/ Pkr Fluid, N/D W/H-D, P/U & Set Pkr In 18k# Tension, Psr Csg Up To 1500psi, Bled Off To 1400psi & Held For One Hour, Good Tst, R/D H/Oiler, R/D & M/O NC#3, Wait For Wind To Stop To MIRU On Next Well. CSDFN @ 5:00PM, 5:00PM-5:30PM C/Tvl. Well Ready For MIT. - 5:30AM-6:00AM C/Tvl, 6:00AM Check Tbg Psr, Psr @ 1900psi, R/U H/Oiler & Psr Tbg Up To 3100psi, Bled Off To 3000psi & Held For One Hour, Bleed Psr Off Tbg, P/U & RIH W/ S/Lne W/ Baby Red Fishing Tool, Fish S/Vlve, L/D & R/D S/Lne, P/U 10' Tbg Sub, RIH, R/D Tbg Eqp, R/D R/Flr, N/D BOPs, N/U W/H-D, Pmp 70BW W/ Pkr Fluid, N/D W/H-D, P/U & Set Pkr In 18k# Tension, Psr Csg Up To 1500psi, Bled Off To 1400psi & Held For One Hour, Good Tst, R/D H/Oiler, R/D & M/O NC#3, Wait For Wind To Stop To MIRU On Next Well. CSDFN @ 5:00PM, 5:00PM-5:30PM C/Tvl. Well Ready For MIT. - 5:30AM-6:00AM C/Tvl, 6:00AM Check Tbg Psr, Psr @ 1900psi, R/U H/Oiler & Psr Tbg Up To 3100psi, Bled Off To 3000psi & Held For One Hour, Bleed Psr Off Tbg, P/U & RIH W/ S/Lne W/ Baby Red Fishing Tool, Fish S/Vlve, L/D & R/D S/Lne, P/U 10' Tbg Sub, RIH, R/D Tbg Eqp, R/D R/Flr, N/D BOPs, N/U W/H-D, Pmp 70BW W/ Pkr Fluid, N/D W/H-D, P/U & Set Pkr In 18k# Tension, Psr Csg Up To 1500psi, Bled Off To 1400psi & Held For One Hour, Good Tst, R/D H/Oiler, R/D & M/O NC#3, Wait For Wind To Stop To MIRU On Next Well. CSDFN @ 5:00PM, 5:00PM-5:30PM C/Tvl. Well Ready For MIT.

**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$32,749**6/14/2013 Day: 4****Conversion**

Rigless on 6/14/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 06/14/2013 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10015 - Initial MIT on the above listed well. On 06/14/2013 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10015 - Initial MIT on the above listed well. On 06/14/2013 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10015 **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$64,583**Pertinent Files: [Go to File List](#)**

Spud Date: 8/19/00  
Put on Production: 8/29/00  
GL: 5113' KB: 5123'

# Tar Sands Federal 16-28-8-17

Initial Production: 119 BOPD,  
29 MCFPD, 7 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 310.32' (7 jts)  
DEPTH LANDED: 306.32' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sx Class "G" cement plus additives

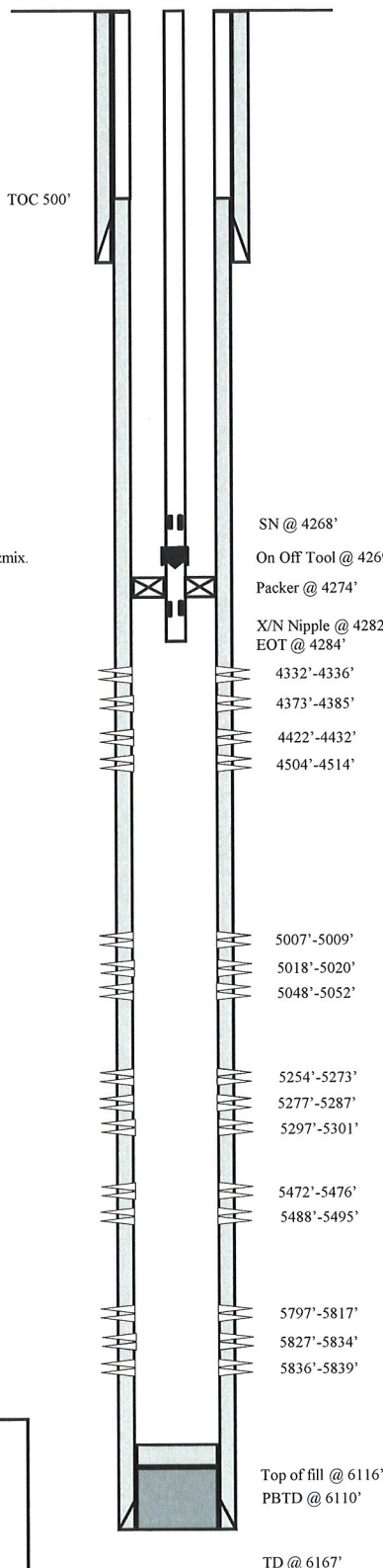
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 147 jts (6153.51')  
DEPTH LANDED: 6161.11'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sx PremLite II; followed by 550 sx 50/50 Pozmix.

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 137 jts (4257.8')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4267.8' KB  
ON/OFF TOOL AT: 4268.9'  
ARROW #1 PACKER CE AT: 4274'  
XO 2-3/8 x 2-7/8 J-55 AT: 4277.7'  
TBG PUP 2-3/8 J-55 AT: 4278.2'  
X/N NIPPLE AT: 4282.2'  
TOTAL STRING LENGTH: EOT @ 4283.82'

## Injection Wellbore Diagram



## FRAC JOB

9/21/00 5797'-5839' **Frac CP sands as follows:**  
75,440# 20/40 sand in 506 bbls Viking I-25 fluid. Perfs broke down @ 3368 psi. Treated @ avg press of 1300 psi w/avg rate of 30 BPM. ISIP-2066 psi, 5-min 1622 psi.

9/21/00 5472'-5495' **Frac A-3 sands as follows:**  
46,440# 20/40 sand in 367 bbls Viking I-25 fluid. Perfs broke down @ 2560 psi. Treated @ avg press of 2159 psi w/avg rate of 29.9 BPM. ISIP-2066 psi, 5-min 1934 psi.

9/21/00 5254'-5301' **Frac B sands as follows:**  
99,440# 20/40 sand in 595 bbls Viking I-25 fluid. Perfs broke down @ 2170 psi. Treated @ avg press of 1740 psi w/avg rate of 31 BPM. ISIP-2060 psi, 5-min 1811 psi. Flow well back on 12/64" choke for 4.5 hrs & died. Recovered 191 bbls frac fluid; est. 1381 BWTR.

11/27/01 **Tubing leak.** Update rod and tubing details.

10/11/02 5007'-5052' **Frac D sands as follows:**  
26,122# 20/40 Unimin sand in 126 bbls YF-125 fluid. Perfs broke down @ 4083 psi. Treated @ avg. pressure of 2461 w/avg. rate of 21.8 BPM. ISIP - 2814 psi. Calc. flush: 5007 gals. Actual flush: 4914 gals.

10/11/02 4332'-4514' **Frac GB sands as follows:**  
94,535# 20/40 sand in 591 bbls YF-125 fluid. Perfs broke down @ 2190 psi. Treated @ avg. pressure of 1810 w/avg. rate of 23.5 BPM. ISIP - 2015 psi. Calc. flush: 4332 gals. Actual flush: 4242 gals.

10/2/03 **Tubing Leak.** Update rod and tubing details.

1/27/06 **Parted rods.** Update rod and tubing details.

10-26-07 **Parted Rods.** Updated rod & tubing details.

1/29/10 **Parted Rods.** Updated rod and tubing detail.

5/25/2010 **Parted rods.** Updated rod and tubing detail.

06/13/13 **Convert to Injection Well**

06/14/13 **Conversion MIT Finalized** – update tbg detail

## PERFORATION RECORD

Date	Depth Range	Perforations	Holes
9/21/00	5254'-5273'	4 JSPF	76 holes
9/21/00	5277'-5287'	4 JSPF	40 holes
9/21/00	5297'-5301'	4 JSPF	16 holes
9/21/00	5472'-5476'	4 JSPF	16 holes
9/21/00	5488'-5495'	4 JSPF	28 holes
9/20/00	5797'-5817'	4 JSPF	80 holes
9/20/00	5827'-5834'	4 JSPF	28 holes
9/20/00	5836'-5839'	4 JSPF	12 holes
10/10/02	5048'-5052'	4 JSPF	16 holes
10/10/02	5018'-5020'	4 JSPF	8 holes
10/10/02	5007'-5009'	4 JSPF	8 holes
10/11/02	4504'-4514'	4 JSPF	40 holes
10/11/02	4422'-4432'	4 JSPF	40 holes
10/11/02	4373'-4385'	4 JSPF	48 holes
10/11/02	4332'-4336'	4 JSPF	16 holes



## Tar Sands Federal 16-28-8-17

614 FSL & 515 FEL  
SESE Section 28-T8S-R17E  
Duchesne Co, Utah  
API #43-013-32111; Lease #U-76241

LCN 06/17/13

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76241
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> TAR SANDS FED 16-28-8-17
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0614 FSL 0515 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 28 Township: 08.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013321110000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/2/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The above reference well was put on injection at 2:20 PM on 07/02/2013. EPA # UT22197-10015		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> July 08, 2013		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/8/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-76241
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> TAR SANDS FED 16-28-8-17
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0614 FSL 0515 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 28 Township: 08.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013321110000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/31/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Workover MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The above subject well had workover procedures performed - Water Isolation/Concentric Injection. Workover MIT on the above listed well. On 10/31/2014 the csg was pressured up to 1440 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure for the 1.6 tbq was 0 psig and the tbq pressure for the 2-7/8" was 0 psig during the test. There was not a EPA representative available to witness the test. EPA # UT22197-10015		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> November 25, 2014		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/12/2014	



**Mechanical Integrity Test****Casing or Annulus Pressure Mechanical Integrity Test**

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 10/31/14Test conducted by: Ken Yeager

Others present: \_\_\_\_\_

Well Name: <u>116-28-8-17 (Tar sands)</u>	Type: ER SWD	Status: AC TA UC
Field: <u>mon butte</u>		
Location: <u>16</u>	Sec: <u>28</u> T <u>8</u> N/S R <u>17</u> E/W	County: <u>duchessne</u> State: <u>Wt</u>
Operator: <u>Ken Yeager</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No  
 Initial test for permit? ☐ Yes ☒ No  
 Test after well rework? ☒ Yes ☐ No  
 Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

**MIT DATA TABLE**

	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>0/0</u> psig	psig	psig
End of test pressure	<u>0/0</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1443</u> psig	psig	psig
5 minutes	<u>1442</u> psig	psig	psig
10 minutes	<u>1442</u> psig	psig	psig
15 minutes	<u>1442</u> psig	psig	psig
20 minutes	<u>1441</u> psig	psig	psig
25 minutes	<u>1440</u> psig	psig	psig
30 minutes	<u>1440</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No**MECHANICAL INTEGRITY PRESSURE TEST**

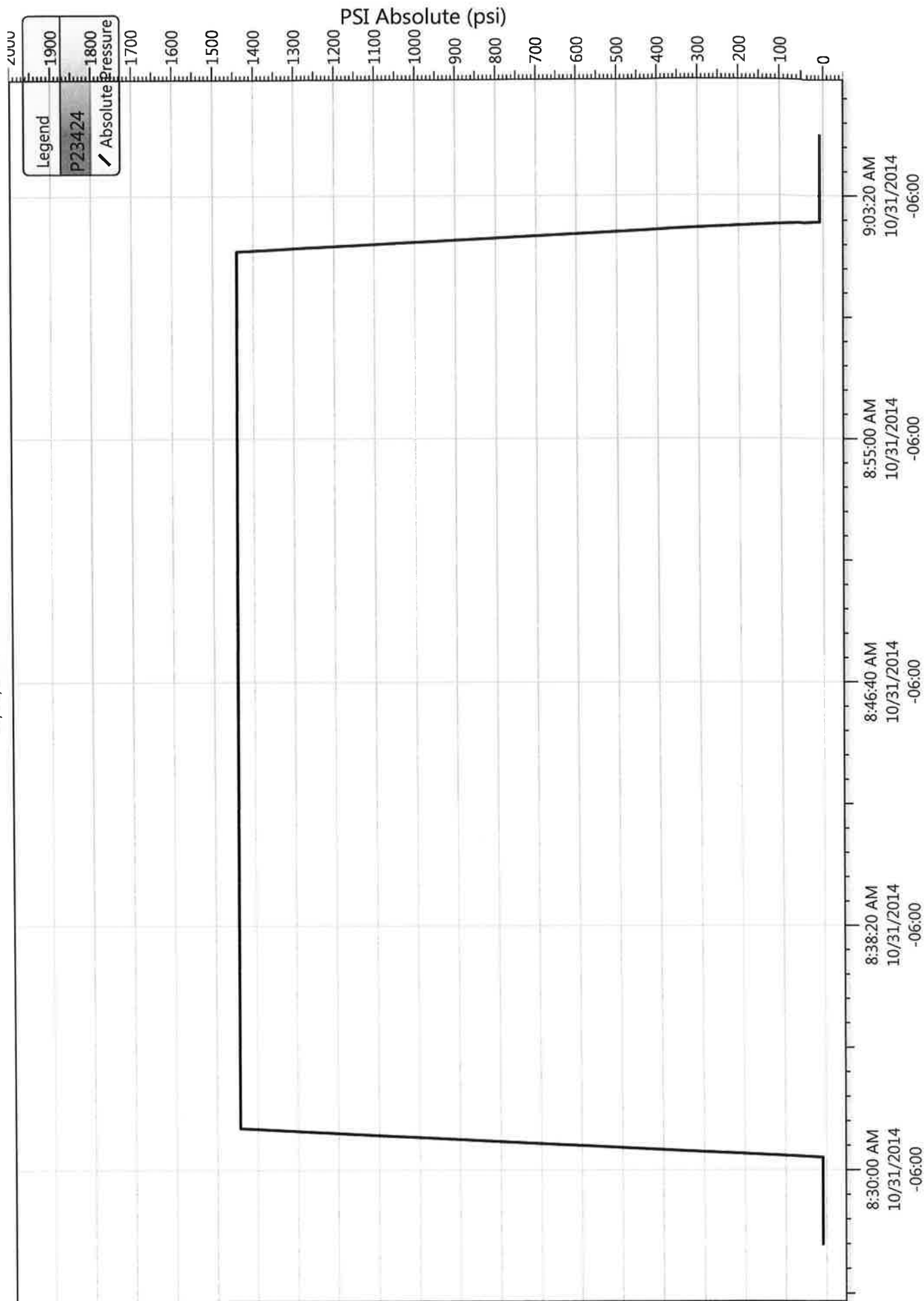
Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: [Signature]



tar sands 16-28-8-17(conversion)

10/31/2014 8:26:51 AM



## NEWFIELD

## Schematic

Well Name: Tar Sands 16-28-8-17

Surface Legal Location 28-8S-17E		API/UWI 43013321110000		Well RC 500151932	Lease	State/Province Utah	Field Name GMBU CTB7	County DUCHESNE
Spud Date 8/19/2000	Rig Release Date 8/26/2000	On Production Date 9/26/2000	Original KB Elevation (ft) 5,123	Ground Elevation (ft) 5,113	Total Depth All (TVD) (ftKB) Original Hole - 6,123.4		PBTD (All) (ftKB) Original Hole - 6,123.4	

## Most Recent Job

Job Category Production / Workover	Primary Job Type	Secondary Job Type N/A	Job Start Date 10/27/2014	Job End Date 10/31/2014
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TD: 6,167.0

Vertical - Original Hole, 11/3/2014 4:23:57 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)	
			DLS (°) ... 0.0 — 0.9		
9.8	9.8	0.4			7-1; Tubing Hanger; 7 1/16; 9-10; 0.90
10.8	10.8	0.4			7-2; Cross Over; 2.56; 1.375; 10-10; 0.40
43.0	43.0	0.4			6-1; Tubing Hanger; 7 1/16; 10-11; 0.90
305.4	305.4	0.3			6-2; Stretch Correction; 2 7/8; 11-11; 0.42
324.1	324.1	0.3			7-3; Tubing; 1.66; 1.380; 10-43; 32.68
4,298.2	4,297.1	1.3			7-4; Tubing Pup Joint; 1.66; 1.380; 43-53; 9.88
4,332.0	4,330.9	1.3			1; Surface; 8 5/8 in; 8.097 in; 10-306 ftKB; 296.32 ft
4,373.0	4,371.9	1.3			6-3; Tubing; 2 7/8; 2.441; 11-4,298; 4,287.00
4,401.9	4,400.8	1.2			7-5; Tubing; 1.66; 1.380; 53-5,200; 5,147.40
4,409.1	4,408.0	1.2			6-4; HRP Packer; 4 5/8; 2.375; 4,298-4,305; 6.30
4,432.1	4,430.9	1.2			Perforated; 4,332-4,336; 10/11/2002
4,514.1	4,512.9	1.0			6-5; Tubing; 2 7/8; 2.441; 4,305-4,402; 97.18
4,865.8	4,864.6	1.1			Perforated; 4,373-4,385; 10/11/2002
5,008.9	5,007.6	1.1			6-6; Pump Seating Nipple; 2 7/8; 2.270; 4,402-4,403; 1.10
5,020.0	5,018.7	1.1			6-7; Perforated Joint; 2 7/8; 2.441; 4,403-4,409; 6.25
5,051.8	5,050.6	1.2			Perforated; 4,422-4,432; 10/11/2002
5,200.1	5,198.8	1.4			Perforated; 4,504-4,514; 10/11/2002
5,201.1	5,199.8	1.4			6-8; Tubing; 2 7/8; 2.441; 4,409-4,860; 450.51
5,208.3	5,207.0	1.3			6-9; Perforated Joint; 2 7/8; 2.441; 4,860-4,866; 6.09
5,273.0	5,271.6	1.2			Perforated; 5,007-5,009; 10/10/2002
5,287.1	5,285.7	1.1			Perforated; 5,018-5,020; 10/10/2002
5,300.9	5,299.5	1.1			6-10; Tubing; 2 7/8; 2.441; 4,866-5,197; 330.87
5,476.0	5,474.7	1.2			Perforated; 5,048-5,052; 10/10/2002
5,495.1	5,493.7	1.3			6-11; PBR; 2 7/8; 2.188; 5,197-5,201; 4.83
5,816.9	5,815.5	1.0			7-6; Cross Over; 2 3/16; 1.310; 5,200-5,201; 0.45
5,834.0	5,832.5	1.0			7-7; On-Off Tool/Stinger; 2 3/16; 1.380; 5,201-5,201; 0.27
5,838.9	5,837.5	1.0			6-12; Packer; 4 5/8; 2.441; 5,201-5,208; 6.95
6,124.0	6,122.5	1.5			Perforated; 5,254-5,273; 9/21/2000
6,161.1	6,159.6	1.5			Perforated; 5,277-5,287; 9/21/2000
					Perforated; 5,297-5,301; 9/21/2000
					Perforated; 5,472-5,476; 9/21/2000
					Perforated; 5,488-5,495; 9/21/2000
					Perforated; 5,797-5,817; 9/20/2000
					Perforated; 5,827-5,834; 9/20/2000
					Perforated; 5,836-5,839; 9/20/2000
					2; Production; 5 1/2 in; 4.950 in; 10-6,161 ftKB; 6,151.10 ft

## NEWFIELD

Newfield Wellbore Diagram Data  
Tar Sands 16-28-8-17

Surface Legal Location 28-8S-17E				API/UWI 43013321110000				Lease							
County DUCESNE				State/Province Utah				Basin Uintah Basin				Field Name GMBU CTB7			
Well Start Date 8/19/2000				Spud Date 8/19/2000				Final Rig Release Date 8/26/2000				On Production Date 9/26/2000			
Original KB Elevation (ft) 5,123		Ground Elevation (ft) 5,113		Total Depth (ftKB) 6,167.0				Total Depth All (TVD) (ftKB)				PBTD (All) (ftKB) Original Hole - 6,123.4			

Casing Strings							
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)	
Surface	8/19/2000	8 5/8	8.097	24.00	J-55	306	
Production	8/26/2000	5 1/2	4.950	15.50	J-55	6,161	

Cement					
String: Surface, 306ftKB 8/20/2000					
Cementing Company BJ Services Company		Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 324.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 141	Class G	Estimated Top (ftKB) 10.0
String: Production, 6,161ftKB 8/26/2000					
Cementing Company BJ Services Company		Top Depth (ftKB) 500.0	Bottom Depth (ftKB) 6,167.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description .5% S.M., 10% gel, 3#/sk BA90, 2#/sk kolseal, 3% KCL, 1/4#/sk C.F		Fluid Type Lead	Amount (sacks) 300	Class Premlite II	Estimated Top (ftKB) 500.0
Fluid Description 3% KCL, 1/4#/sk C.F., 2% gel, .3% S.M.		Fluid Type Tail	Amount (sacks) 550	Class 50/50 POZ	Estimated Top (ftKB) 3,334.0

Tubing Strings								
Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					10/29/2014	5,208.4		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	7 1/16				0.90	10.0	10.9
Stretch Correction	1	2 7/8				0.42	10.9	11.3
Tubing	138	2 7/8	2.441	6.50	J-55	4,287.00	11.3	4,298.3
HRP Packer	1	4 5/8	2.375			6.30	4,298.3	4,304.6
Tubing	3	2 7/8	2.441	6.50	J-55	97.18	4,304.6	4,401.8
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,401.8	4,402.9
Perforated Joint	1	2 7/8	2.441	6.50	J-55	6.25	4,402.9	4,409.2
Tubing	14	2 7/8	2.441	6.50	J-55	450.51	4,409.2	4,859.7
Perforated Joint	1	2 7/8	2.441	6.50	J-55	6.09	4,859.7	4,865.8
Tubing	10	2 7/8	2.441	6.50	J-55	330.87	4,865.8	5,196.6
PBR	1	2 7/8	2.188			4.83	5,196.6	5,201.5
Packer	1	4 5/8	2.441			6.95	5,201.5	5,208.4
Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					10/29/2014	5,201.0		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	7 1/16				0.90	9.0	9.9
Cross Over	1	2.56	1.375			0.40	9.9	10.3
Tubing	1	1.66	1.380	2.30	J-55	32.68	10.3	43.0
Tubing Pup Joint	1	1.66	1.380			9.88	43.0	52.9
Tubing	161	1.66	1.380	2.30	J-55	5,147.40	52.9	5,200.3
Cross Over	1	2 3/16	1.310			0.45	5,200.3	5,200.7
On-Off Tool/Stinger	1	2 3/16	1.380			0.27	5,200.7	5,201.0

Rod Strings							
Rod Description				Run Date	Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
5	GB2, Original Hole	4,332	4,336	4			10/11/2002
5	GB2, Original Hole	4,373	4,385	4			10/11/2002
5	GB4, Original Hole	4,422	4,432	4			10/11/2002
5	GB6, Original Hole	4,504	4,514	4			10/11/2002
4	D2, Original Hole	5,007	5,009	4			10/10/2002
4	D2, Original Hole	5,018	5,020	4			10/10/2002
4	D3, Original Hole	5,048	5,052	4			10/10/2002
3	B2, Original Hole	5,254	5,273	4			9/21/2000

**NEWFIELD****Newfield Wellbore Diagram Data  
Tar Sands 16-28-8-17****Perforation Intervals**

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
3	B2, Original Hole	5,277	5,287	4			9/21/2000
3	B2, Original Hole	5,297	5,301	4			9/21/2000
2	A3, Original Hole	5,472	5,476	4			9/21/2000
2	A3, Original Hole	5,488	5,495	4			9/21/2000
1	CP1, Original Hole	5,797	5,817	4			9/20/2000
1	CP2, Original Hole	5,827	5,834	4			9/20/2000
1	CP2, Original Hole	5,836	5,839	4			9/20/2000

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,760		30.0	2,500			
2	2,060		29.9	2,519			
3	2,060		31.9	2,495			
4	2,814	0.99	28.2	4,083			
4	2,015	0.9	25.8	2,474			

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 75440 lb
2		Proppant Sand 46440 lb
3		Proppant Sand 99440 lb
4		Proppant Sand 26122 lb
4		Proppant Sand 94535 lb





## Job Detail Summary Report

Sundry Number: 57770 API Well Number: 43013321110000

Well Name: Tar Sands 16-28-8-17

Jobs			
Primary Job Type	Job Start Date	Job End Date	
Reconfigure Tubing / Components	10/27/2014	10/31/2014	
Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
10/27/2014	10/27/2014	MIRU	
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	09:00
Start Time	09:00	End Time	10:00
Start Time	10:00	End Time	11:45
Start Time	11:45	End Time	13:00
Start Time	13:00	End Time	14:45
Start Time	14:45	End Time	16:30
Start Time	16:30	End Time	18:00
Start Time	18:00	End Time	19:00
24hr Activity Summary			
Report Start Date	Report End Date	24hr Activity Summary	
10/28/2014	10/28/2014	Spot acid, TOOH W/ Bit & Scraper, TIH W/ PROD PKRS	
Start Time	06:00	End Time	07:00
Start Time	07:00	End Time	08:00
Start Time	08:00	End Time	09:00
Start Time	09:00	End Time	09:45
Start Time	09:45	End Time	10:30
Start Time	10:30	End Time	11:45
Start Time	11:45	End Time	13:30
Start Time	13:30	End Time	15:00
Start Time	15:00	End Time	16:00
Start Time	16:00	End Time	17:00

Comment	Crew Travel & Safety mtg
Comment	Load out & move from Balcron MON FED 13-8, MIRU Same, CK PRESS CSG 0 TBG 1000 PSI
Comment	Flow back well, Flowed back 80 BBLS
Comment	ND Wellhead, Strip on 5000# BOPS, RU Floor & TBG Works, REL 5 1/2" Arrowset-1 pkr, Flush TBG W/ 40 BBLS H2O
Comment	TOOH W/ 139 JTS 2 7/8" TBG, LD PSN, ON/OFF Tool, 5 1/2" Arrowset-1 PKR, X-over, 2 3/8" TBG SUB, XN Nipple & Reentry guide
Comment	PU & TIH W/ 5 1/2" Bit & Scraper PSN & 139 JTS 2 7/8" TBG, CONT PU 50 JTS 2 7/8" TBG EOT @ 5881'
Comment	TOOH W/ 22 JTS, EOT @ 5177', CIRC SV To PSN, Test TBG to 3000 PSI-OK, RU & RIH W/ Sandline RET SV, POOH & Rack out Sandline
Comment	TOOH Breaking every collar W/ 28 JTS EOT @ 4265' CWI
Comment	Crew Travel
Comment	Crew Travel & Safety MTG
Comment	TIH W/ 2 JTS EOT @ 4319', Pump chemicals & 6 BBLS 15% HCL, Chase acid to EOT W/ 24 BBLS H2O
Comment	Let acid soak
Comment	CIRC Acid out W/ 40 BBLS H2O
Comment	TIH W/ 48 JTS 2 7/8" TBG, LD 22 JTS 2 7/8" TBG
Comment	TOOH W/ 165 JTS 2 7/8" TBG, LD 5 1/2" Bit & Scraper & PSN
Comment	RD Floor & TBG Works, ND 5K BOPS, Change out 3K To 5K Wellhead, NU 5K BOPS, RU Floor & TBG Works
Comment	PU & TIH W/ 5 1/2" Arrowset-1 PKR W/ Reentry guide, PBR, 10 JTS 2 7/8" TBG, 6' 2 7/8" PERF SUB, 14 JTS 2 7/8" TBG, 2 7/8" PERF SUB, PSN 3 JTS 2 7/8" TBG, 5 1/2" HRP PKR & 138 JTS 2 7/8" TBG
Comment	RD Floor & TBG Works, Strip off 5000# BOPS, Set 5 1/2" Arrowset-1 PKR W/ 5 K Tension @ 5203', Land TBG W/ Hanger, NU Wellhead, CIRC SV To PSN
Comment	PRESS Up on TBG To 1500 PSI, built 100 PSI in 30 MIN, Leave PRESS Overnight, SDFN

**Well Name: Tar Sands 16-28-8-17**

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